

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

6 MAY 1976

Foreign Students at The University of Alberta 1970 to 1976

The following report on foreign students at the University was presented by Ruth Groberman, Acting Dean of Students and Foreign Student Adviser to the University Senate at its meeting on Friday, 30 April.

The University of Alberta has a long history of involvement in international education. One concrete expression of this interest is the impressive enrolment of Foreign Students over the years. The presence of both Foreign Students and faculty has greatly contributed to the international milieu of the campus and community and has provided unlimited opportunities for educational, cultural, and social exchange. Recently there has been some concern expressed over the numbers of Foreign Students attending the University of Alberta. In times of limited funds and space many people have expressed the view that priority must be given to Albertan and Canadian students. The purpose of this paper is to examine the actual enrolment figures of Foreign Students at the University of Alberta over the last six years and to determine who they are, what they are studying, and how they finance themselves. The last six years have been chosen as representative because they include a change in immigration policy which occurred in 1972 and which had considerable implications in terms of future Foreign Student enrolment.

DEFINITION OF FOREIGN STUDENTS

A Foreign Student is a person in Canada on a temporary visa (section 7(1)(f) of the Immigration Act) enrolled in an educational institution for the purposes of pursuing a course of studies. His presence in Canada is on a temporary basis only; upon completion of his program, he is expected to leave the country. During the time the student is in Canada, his visa must be renewed at regular intervals through the Department of Immigration, and renewal of the visa is contingent upon the student fulfilling the requirements specified by the Department of Immigration. (These requirements include proof of financial support and continued enrolment in an educational institution.) Students with Landed Immigrant status are not Foreign Students. A person in Canada with Landed Immigrant status is eligible for the same benefits, with the exception of voting privileges, that all Canadians receive. They are not subject to the same regulations and restrictions that apply to Foreign Students. The tendency to confuse the two categories of students is responsible for frequent distortion of enrolment figures for Foreign Students.

Before November of 1972, it was possible for students who entered Canada as visitors to apply for Landed Immigrant status from within the country. A change in immigration policy made this

impossible after that date. Students no longer have the option of changing their status while in Canada. Students in the country before November 1972 had until October 1973 to apply for Landed Immigrant status. The effect this regulation had on Foreign Student enrolment is reflected in the figures for 1974-75. In 1972-73 there were 1,382 Landed Immigrants and 1,188 Student Visa holders. Although these figures do not reflect students who graduated, withdrew, or registered late, it can be assumed that the significant increase in Landed Immigrants for that one academic year represents a large number of students who took advantage of the opportunity to become permanent residents in Canada. Since the 1972 Immigration decision, the distinction between Landed Immigrant and Student Visa holders can be clearly drawn. Landed Immigrant status is not granted to persons entering Canada for the purpose of studying.

CANADIAN STUDENTS ABROAD

Canadians themselves have a long history of studying abroad, particularly in the United States and the United Kingdom. A Manpower survey done in 1973 indicated that approximately 57 percent of the PhD population in Canada obtained their doctorates abroad and that, until the late 1960s, there were more full-time Canadian doctoral students in the United States and Britain than there were in Canada. Canadian students who studied abroad tended to go to either the United States, the United Kingdom or, in smaller numbers, to France; whereas Foreign Students entering Canada represented dozens of countries including the United States, the United Kingdom, and France. Over the last few years, as more graduate facilities became available in Canada, the numbers of Canadian students studying abroad has declined. Nevertheless, it is a fact that both Canadians and Canada have benefited greatly from the educational systems of other countries.

The following figures indicate the numbers of Canadians who studied abroad from 1962 to 1971. (*Table continued, page two*)

Place of study	1962	1963	1964	1965	1966
Africa	5	6	9	13	10
America	7,009	8,465	9,260	9,776	12,130
United States	(7,004)	(8,458)	(9,253)	(9,755)	(12,117)
Asia	29	30	61	98	95
Europe	1,252	1,399	1,431	1,417	1,574
United Kingdom	(657)	(652)	(657)	(660)	(742)
France	(220)	(343)	(379)	(335)	(390)
Oceania	22	41	47	49	63
Total	8,317	9,941	10,814	11,353	13,872

Place of Study	1967	1968	1969	1970	1971
Africa	18	25	11	18	13
America	12,187	12,902	13,353	12,630	10,422
United States	(12,144)	(12,852)	(13,318)	(12,595)	(10,396)
Asia	87	169	162	156	138
Europe	1,812	1,928	2,049	2,164	2,137
United Kingdom	(835)	(878)	(992)	(1,118)	(1,032)
France	(552)	(560)	(560)*	(560)*	(560)*
Oceania	75	89	89	89	108
Total	14,179	15,113	15,664	15,067	12,868

* Estimate

Source: UNESCO and Association of Universities and Colleges in Canada
compiled by Office of The Secretary of State

Canadian Graduate Students at American Universities, 1963-64 to 1973-74

	Professional Degrees	Masters	Doctorates	Total
1963-64	593	1,268	1,125	2,986
1964-65	707	1,327	1,288	3,322
1965-66	788	1,392	1,409	3,589
1966-67	1,314	1,636	1,670	4,620
1967-68	1,246	1,733	1,813	4,792
1968-69	1,447	1,974	1,747	5,168
1969-70	1,369	2,122	1,716	5,207
1970-71	1,902	1,821	1,531	5,254
1971-72	1,110	1,787	1,316	4,213
1972-73	1,793	1,143	1,023	3,959
1973-74*	2,099	737	517	3,353

* 1973-74 incomplete

Source: Institute of International Education (New York), "Open Doors"

COUNTRIES OF ORIGIN OF FOREIGN STUDENTS

Although Foreign Students at the University of Alberta come from dozens of countries around the world, the largest groups have traditionally come from Hong Kong, the United States, and, in smaller numbers, from the United Kingdom, Western Europe, and Third World countries.

Altogether, the Foreign Student population constituted approximately 4.62 percent of the total student body in the 1975-76

academic year. This compares to 5.07 percent in 1970-71, 5.95 percent in 1971-72, 6.69 percent in 1972-73, 6.62 percent in 1973-74, and 4.28 percent in 1974-75. (The change in the immigration policy is reflected in these figures.)

The following figures illustrate the actual breakdown of Foreign Students over the last six years.

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Hong Kong	294	466	580	657	329	381
United States	114	104	84	100	95	98
British Isles	50	72	81	33	37	48
Western Europe	12	22	28	27	21	23
South Pacific	15	13	12	18	30	41
Eastern Europe	4	2	5	3	2	1
Africa	69	113	144	173	150	129
Asia	113	94	96	67	47	68
Southeast Asia	140	93	88	80	56	58
West Indies	60	49	36	25	15	20
Central and South America	22	23	23	24	23	31
Middle East	35	35	10	20	11	14
Student Visa Totals	929	1,086	1,188	1,226	820	912
Total Student Enrolment	18,337	18,243	17,757	18,524	19,155	19,736

Source: University of Alberta *Summary of Statistics*, 1970-71 through 1975-76

FINANCIAL RESOURCES OF FOREIGN STUDENTS

The majority of Foreign Students at the University of Alberta are private, non-sponsored students. They are responsible for financing their own education and are not recipients of any government funding. The exceptions are the students under the auspices of CIDA (Canadian International Development Agency), Commonwealth Scholars, UNESCO, Rotary, and a few other international scholarship plans. In 1975-76, this sponsored group constituted less than 100 of the 912 Foreign Students at the University of Alberta. The remaining students finance their own education through a variety of means. Some graduate students are awarded full or part-time assistantships on the basis of academic merit. Other Foreign Students have either accumulated enough savings, receive funds from home, or are recipients of their own government's scholarships.

By virtue of their status in Canada, Foreign Students are not eligible for Student Loans and are not permitted to work without a work permit (issued through the Department of Manpower and Immigration only after authorities are satisfied that there are no Canadians or Landed Immigrants available to do the job the Foreign Student has applied for). It has become increasingly difficult for Foreign Students to obtain work permits and any student dependent on a job in order to maintain himself in Canada is unlikely to receive a visa to come, as he could not satisfy the financial requirements of the Department of Immigration.

Many Foreign Students are also hampered by their own governments' restrictions on Foreign Exchange, which limits the amount of money a student is permitted to take out of his country. All these regulations impose considerable hardship on Foreign Students, particularly in the event of an emergency. In order to be a Foreign Student in Canada, it is necessary to bring into the country sufficient maintenance funds. This money is then circulated within our economy.

DISTRIBUTION OF FOREIGN STUDENTS BY FACULTIES

It is difficult to generalize when discussing Foreign Students. Circumstances vary radically depending on such variables as country of origin, rationale for studying in Canada, age, financial status,

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level of study, etc. This is particularly evident when considering the distribution of Foreign Students within various faculties of the University. There are very few Foreign Students registered in Law, Dentistry, Library Science, Dental Hygiene, Medical Laboratory Science, Medicine, Nursing, Pharmacy, or Rehabilitation Medicine. The largest enrolments of Foreign Students are in the faculties of Agriculture, Arts, Commerce, Education, Engineering, Science, and Graduate Studies.

The following table shows a breakdown of Foreign Students by Faculties.

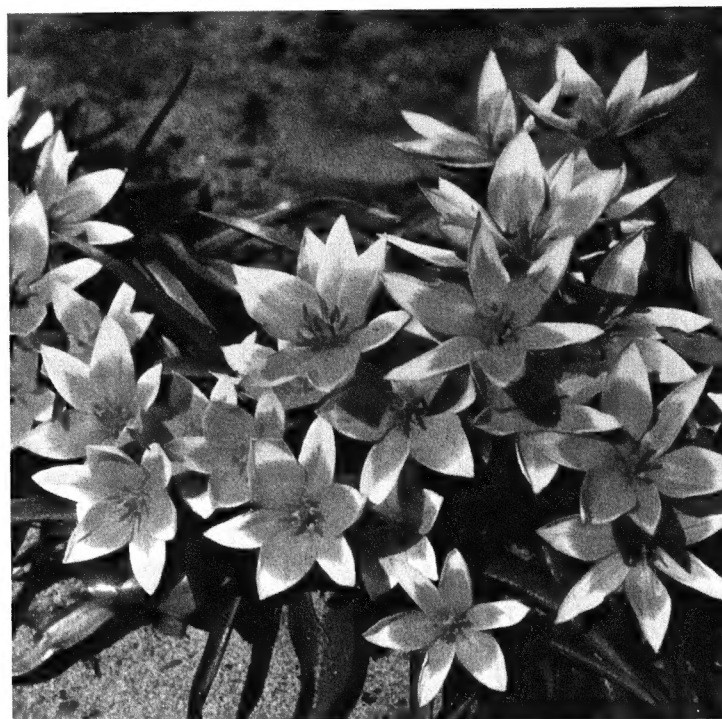
	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Agriculture	14	20	45	47	41	32
Arts	40	46	65	70	53	72
Business Administration and Commerce	34	110	160	195	129	141
Collège Saint-Jean				1		1
Dentistry	9	7	9	7	1	1
Dental Hygiene						
Education	89	87	98	99	58	28
Engineering	169	159	131	114	42	64
Home Economics	2	8	18	16	10	10
Law		1		1		
Library Science	1			1	2	
Medicine	16	18	30	24	14	27
Medical Laboratory Science		1	2	3	2	
Nursing	2	3	2	1		
Physical Education	6	7	10	11	9	10
Pharmacy	25	29	18	9		
Rehabilitation Medicine	3	2	5	7	4	4
Science	155	258	321	349	192	221
Graduate Studies	365	329	274	271	263	301

This can be compared to the breakdown of the total student body by Faculties.

	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76
Agriculture	422	469	552	666	762	823
Arts	3,091	2,841	2,580	2,735	2,853	2,823
Business Administration and Commerce	1,118	1,293	1,400	1,568	1,774	1,833
Collège Saint-Jean	88	129	153	145	146	163
Dentistry	197	192	189	192	188	188
Dental Hygiene	50	52	65	78	78	72
Education	4,236	3,972	3,392	3,518	3,676	4,070
Engineering	1,380	1,238	1,140	1,167	1,280	1,469
Home Economics	324	294	306	387	400	344
Law	366	420	471	490	472	484
Library Science	44	58	58	71	58	43
Medicine	589	655	659	700	717	752
Medical Laboratory Science	88	91	96	99	95	94
Nursing	240	268	266	287	307	284
Physical Education	598	604	677	757	740	702
Pharmacy	303	326	336	360	378	386
Rehabilitation Medicine	215	249	262	291	298	296
Science	2,830	3,001	3,151	3,146	3,083	2,998
Graduate Studies	2,158	2,091	2,004	1,867	1,850	1,912

Source: University of Alberta *Summary of Statistics*, 1970-71 through 1975-76

In the academic year of 1975-76, the majority of students from the United States, the United Kingdom, Western Europe, the South Pacific, and Asia were registered in the Faculty of Graduate Studies. This was also true for approximately half of the students from Africa, the Middle East, and Southeast Asia. Approximately

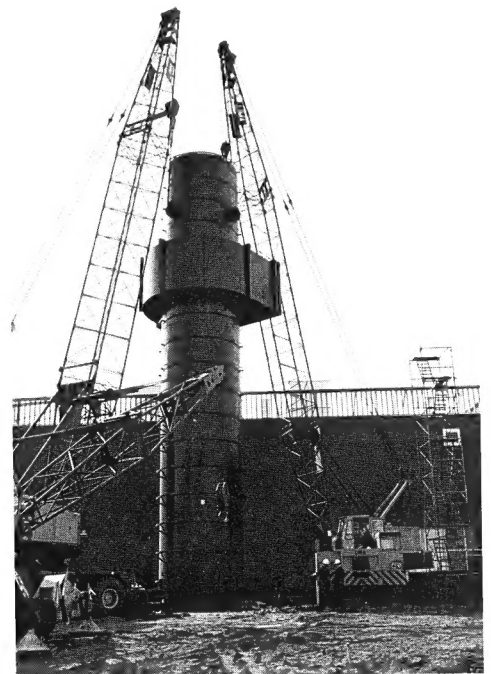
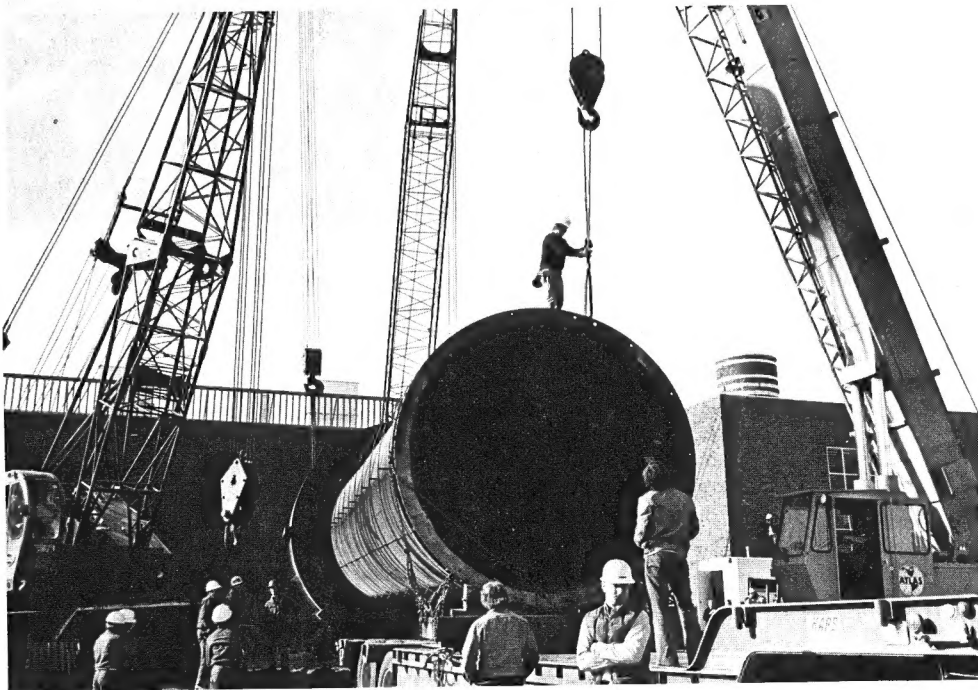
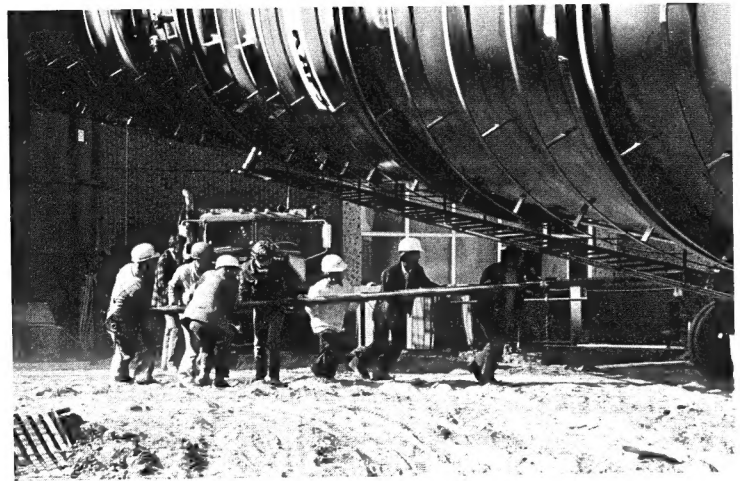


The University of Alberta Devonian Botanic Garden is open from 4 p.m. to 9:30 p.m. during the week and from 1 p.m. to 6 p.m. on Saturday, Sunday, and holidays.

one third of the Foreign Students attending the University of Alberta are graduate students; this is indicative of the emphasis placed on the exchange of information and technical knowledge at the graduate level. Of the 301 Foreign Students enrolled in the Faculty of Graduate Studies, 152 come from developing countries, 63 from the United States, 32 from the United Kingdom, and 29 from Australia and New Zealand. In the case of Graduate Students from developing countries, many are here because the areas of study they wish to pursue are not readily available in their own countries. Providing educational opportunities for students from developing countries is compatible with Canada's approach to development assistance, as evidenced by the CIDA trainee program which brings several hundred students to Canada each year through bilateral agreements with numerous developing countries. The majority of students from Hong Kong are undergraduates, with a large proportion in the faculties of Commerce and Science. Many of these students come to the University of Alberta after completing their secondary education in Canada.

CONCLUSION

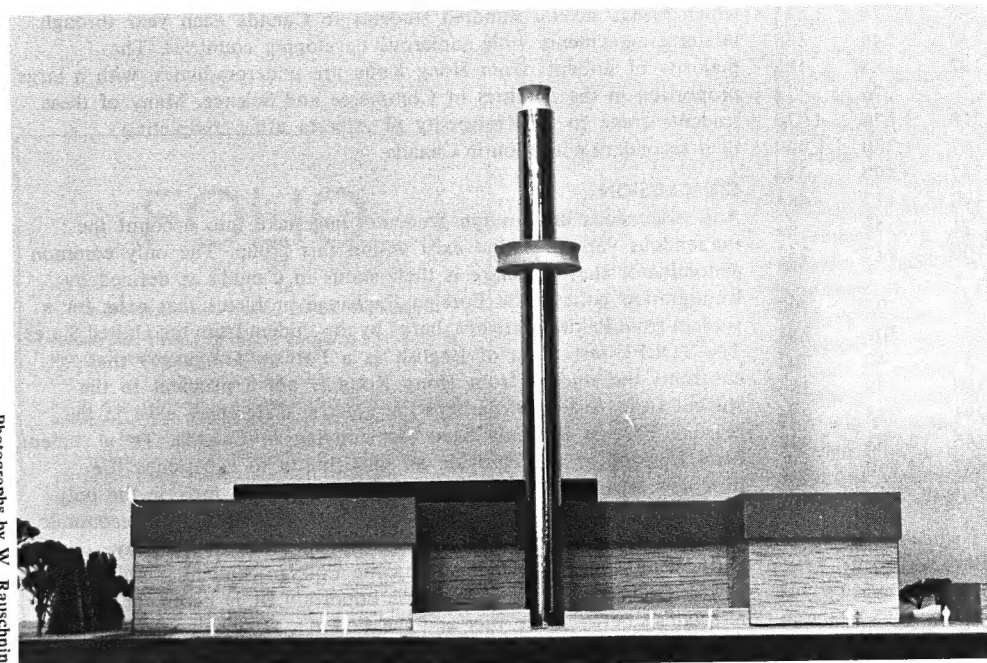
Any discussions on Foreign Students must take into account the tremendous variations that exist within this group. The only common denominator they all share is their status in Canada as defined by Immigration policy. The Foreign Exchange problems that exist for a student from Pakistan are not shared by the student from the United States. The TOEFL test (Test of English as a Foreign Language) that confronts the student from Hong Kong is not a problem to the student from Australia. Perhaps the greatest differences exist in the reasons Foreign Students have for studying in Canada. To a student from England, it may provide an opportunity to experience life in a new setting; to the student from Peru, it may provide the only opportunity to study a specific area. There are ideological, economic, political, and practical aspects that must be considered in any dialogue that takes place regarding the Foreign Student population at the University of Alberta. Most important, it is necessary to distinguish between the fact and the fiction . . . and it was with this intention that this paper was prepared.



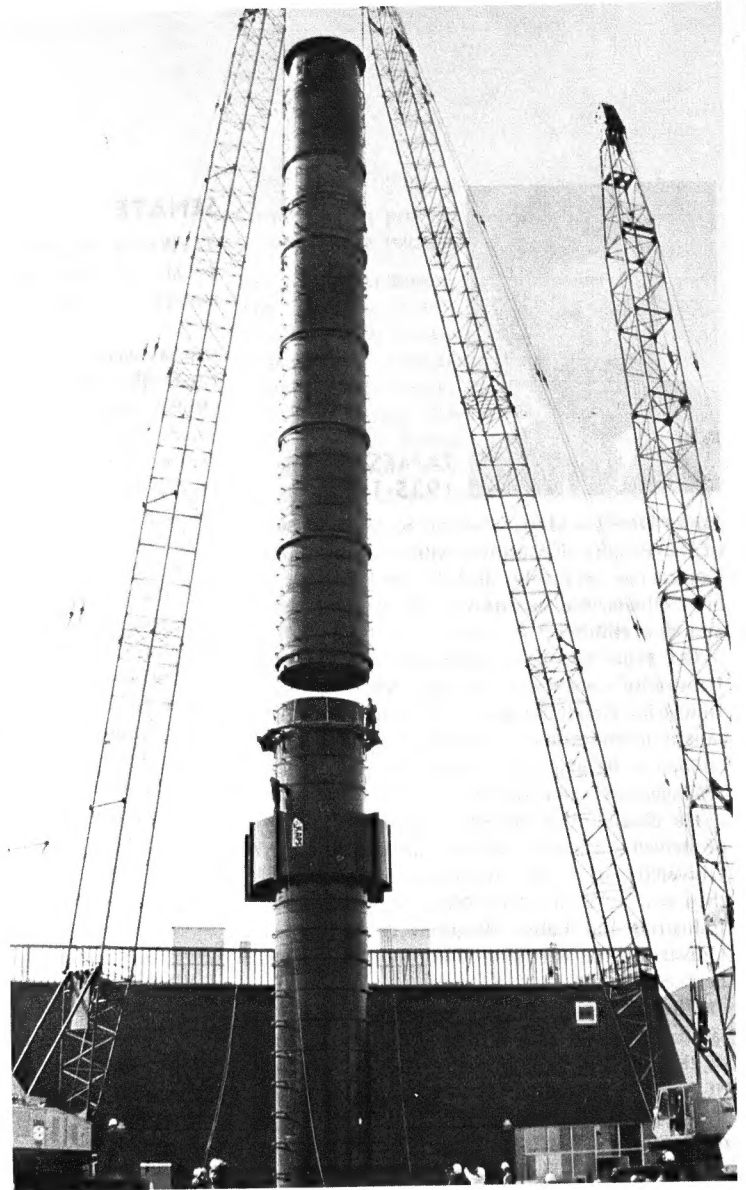
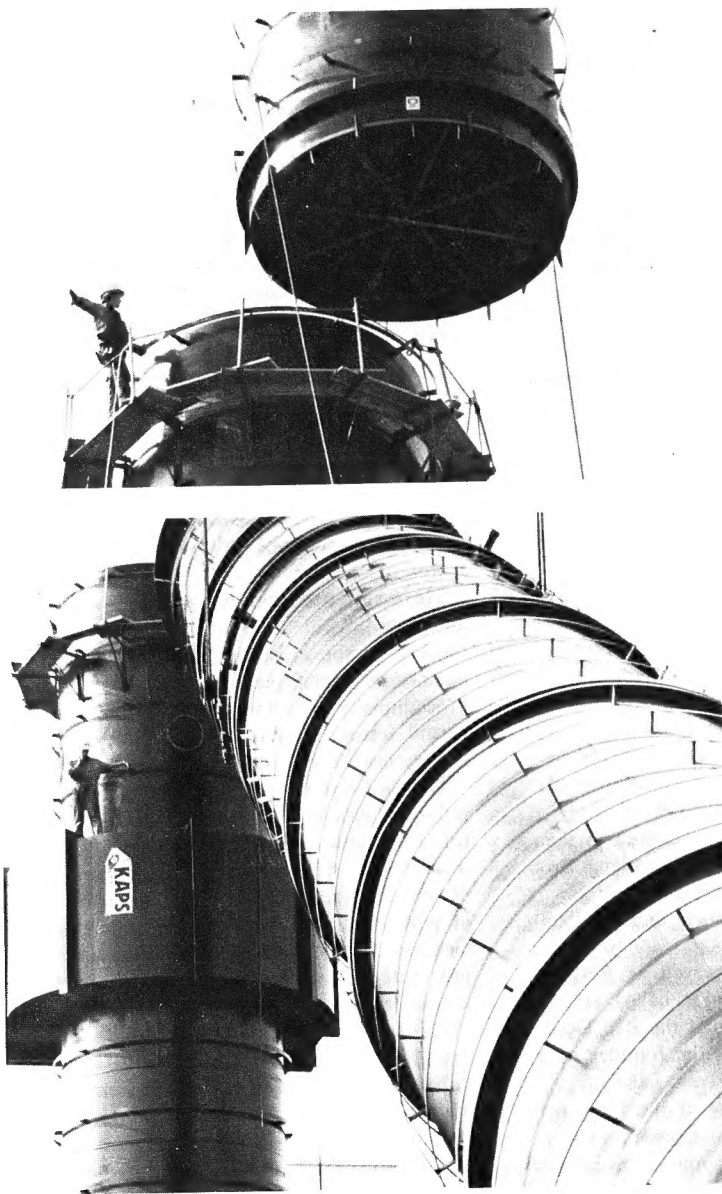
THE NEW STACK

Located southwest of the Jubilee Auditorium and southeast of the Lister Hall complex, the University's South Power Plant, with its four boilers fired by natural gas, provides for all the University's heating needs. Although the South Power Plant boilers are of a high efficiency type and are equipped with combustion control devices which reduce the already low production of nitrous oxide compounds, there is nevertheless a need to be concerned about the control of emissions from the plant. Negotiations with Alberta Environment over a three to four year period resulted in an agreement to construct a stack which will direct effluent high into the air where dispersion and breakdown of emissions is facilitated. The new stack will replace lower-level individual boiler stacks and is scheduled to be working by early fall.

The installation of the stack is underway now, and University staff may have noticed the huge black stack looming between the



Photographs by W. Rausching



Auditorium and the residences. The stack was erected in two sections. The first section was sixty feet long and weighed approximately sixty tons; the second section was 104 feet long and weighed about thirty-two tons. When completed, the stack will measure over 170 feet high and twelve feet in diameter. This height includes a special venturi nozzle on the top which will increase the speeds at which effluent is ejected and will increase the emission plume effect. A sampling platform will be situated about three-quarters of the way up the stack. This platform will house devices which plant personnel will use to test and monitor the temperature and concentration of emissions as well as to gauge the efficiency of the stack.

Special studies had to be carried out to determine the optimal height and design of the stack. Since the stack is situated in a built-up urban area and is surrounded by a number of high buildings that have their air intakes at roof level, concern had to be

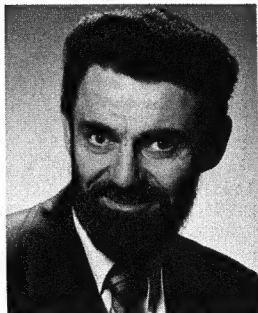
maintained for the nature of the patterns of emission dispersion and dissipation.

The consulting engineers on the project were Dave Panar and Associates Engineering Limited. D.J. Wilson of the Department of Mechanical Engineering did the necessary research using tracer gases in the University's Boundary Layer Wind Tunnel. Wind speeds, turbulence, currents, and a number of other factors had to be taken into account, as well as accounting for the presence of the tall buildings close to the stack. Henday Hall, for example, is both close to the stack and very tall; the stack had to be designed so that emissions would rise above that building. A "cone of dispersion" model was created from the data derived from the wind tunnel research. This cone charts parameters of the flow of the emissions from the stack and describes the various heights and patterns of emissions flow. The height of the stack determines how the cone of dispersion will make sure that the

emissions miss hitting the major tall buildings in the area.

Using the data and models researched by Dr. Wilson, the University found that although Alberta Environment at one point recommended a stack of 297 feet, the present height of 170 to 180 feet was more than adequate. The data and models derived from Dr. Wilson's research should prove of great value in other situations where power plant stack design and height must be determined, and the research material will be a welcomed supplement to the information which Alberta Environment is using now.

The aesthetics of the stack are also setting somewhat of an example. Designed by architect Donald L. Pinckston, the stack will eventually be encased in shiny aluminum. This will help to make it appear narrower. Flood lights situated on the sampling platform will illuminate the stack and do away with the need for the usual unsightly red and white stripes for aircraft warning.



JAMES MUIR
1935-1976

James Douglas Muir, who was to become Dean of the Faculty of Business Administration and Commerce on 1 July, died 30 April after a brief illness. He is survived by his wife and two children.

Dr. Muir had been associated with the University since 1964 and was Professor of Industrial Relations in the Faculty. He taught in the areas of industrial relations, collective bargaining, arbitration, personnel management, and statistics.

He obtained his BCom from the University of British Columbia and his MBA from the University of California (Berkeley). He then studied at the New York State School of Industrial and Labor Relations of Cornell University and earned a Doctor of Philosophy degree.

He had been involved in many areas of labour relations and had served as the Dean of the Faculty of Commerce at the University of Nairobi in Kenya. In 1975, Dr. Muir was appointed to the editorial board of *Relations Industrielles* and became president elect of the Canadian Industrial Relations Research Institute.

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SENATE

The Senate held its regular meeting on Friday, 30 April. The following items were among the matters considered.

New Members

Chancellor Don Dalby thanked the following elected members who were retiring from their Senate positions: Rita Calhoun and Hal Spelliscy, who each completed two terms; Roy Jahma, who completed five years; K. Glen Johnson, Sally Merchant, and Elizabeth Schwab, who each completed one term; and Stevie Munro, who completed five years with the Senate before moving to Montreal.

Appointed members who will be retiring from the Senate are P.J. Cahill, Professor of Religious Studies and representative on the Senate from the General Faculties Council; Peter Drabble, John Duncan, Laurie Enns, and Brian Mason, representatives of the Students' Union; and Jan Moodie, representative of the Graduate Students' Association.

Seven new members were elected to the Senate: Hazel Braithwaite, Georgiana Brooks, Elly De Jongh, Jean McBean, John McDougall, Marina Samuel, and William Stewart.

Mrs. Braithwaite has served as President of the Farm Women's Union of Alberta for twelve years, is a member of the Red Deer Council on Aging, and is the founder of a teen drop-in centre in Sylvan Lake.

Mrs. Brooks, a graduate of the University of Toronto and the Royal Conservatory of Toronto, is an elementary music specialist with the Edmonton Public School Board. She has instructed Mothers' Programs at the YWCA and is on the executive of the University Women's Club.

Mrs. De Jongh is an active participant in the National Parks Association, rapid transit studies, URGE (Urban Renewal Greater Edmonton), and several social service groups.

Edmonton lawyer Jean McBean, a graduate of the University, has an on-going commitment to women's affairs. She is author of *Marriage and Family Law in Alberta*.

Mr. McDougall, also a graduate of this University, received the Rotary Group Study Exchange Award to New Zealand and the South Pacific in 1971. A civil engineer, he is interested in both professional and community affairs.

Mrs. Samuel is a homemaker and mother of four. She has training in communication skills and family life education and is socially concerned.

Mr. Stewart is a police officer with the Edmonton City Police, in charge of the Criminal Investigations Section. He has a particular concern for youth.

Newly appointed members of Senate are Norman Gee, representing the Graduate Students Association; Howard Higgins, representing the Students' Union; Morris Flewwelling, reappointed to represent the Alumni Association.

Senate members Joe Kandler and Mary-Jane Shaw have been re-elected to Senate for a second term.

Status of Women report

President Gunning reported to Senate on recent action which had been taken on the recommendations of the Task force on the Status of Women.

He mentioned that a current examination and rewriting of the Faculty Handbook has resulted in the inclusion of a policy statement against sex discrimination. New amendment procedures included in the Handbook will permit future improvements to the statement if they are deemed necessary.

Dean's Council, he said, is considering proposals received from the AASUA calling for an examination of mechanisms for transferring individuals with temporary to permanent status and of rights and privileges of part-time academic staff. At its last meeting, Deans' Council authorized a matched peer study for all women on campus with academic appointments. The President also mentioned that Deans' Council had requested that GFC establish a committee to review the status and representation of women within the various faculties as students and staff members. Specifically, the committee would be expected to monitor hiring procedures and devise ways of increasing female representation on committees.

When queried about the status of day care arrangements on campus, Dr. Gunning stated that he expected the Campus Development Committee to make recommendations in the late spring of this year concerning a site for expanded day care facilities. He also mentioned that negotiations were under way with the University Hospital to permit sharing of its day care facilities with others on campus.

Dr. Gunning said that although he had made a strong representation to the Board of Governors concerning the reappointment of a Dean of Women, at the time the reorganization of the Office of Student Affairs was being considered, the Board had turned this proposal down. However, General Faculties Council has set a committee to reconsider the Board's recommendations in the Student Affairs area, and the President has asked that this committee also give careful consideration to the Dean of Women's position.

Nim Mehra, a guest present at the Senate meeting and the research director responsible

for collecting and interpreting the data contained in the report of the Task Force responded to criticisms quoted in *The Gateway* concerning the validity of some of the data used. She suggested that anyone who had questions concerning the validity of the data used or the methodology should query her directly, with specific references.

Report of the Senate Committee on Post Doctoral Fellows

Senate received the report of the committee and referred it to the Board of Governors for further study.

The committee recommended that careful consideration be given to the following: that there be a common interpretation of the National Research Council regulations between the University administration, the National Research Council, and the departments where members receive National Research Council grants; that workers' compensation coverage be obtained for all Post Doctoral Fellows; that unemployment insurance and Canada Pension plan benefits be obtained for Canadian and landed immigrant Post Doctoral Fellows; that a common letter of appointment be required which clearly specifies the terms and conditions of Post Doctoral appointments and which leaves no room for misinterpretation by the Department of Immigration; that a limit be established for the Post Doctoral Fellowship appointment of two years beyond the PhD, after which a change in designation or the appointment termination should follow.

W.E. Harris, Chairman of the Department of Chemistry, disagreed with the major theme of the report which stressed the anxiety of Post Doctoral students in finding employment. He suggested that the employment problem be considered without undue dramatization since the average term for a Post Doctoral Fellowship at this University is eleven months with one out of ten fellows moving to Research Associate positions.

However, a Post Doctoral Fellowship Association member argued that 56 percent of Post Doctoral students in Canada go into a Fellowship position as opposed to only 28 percent in Britain. Fellows, therefore, were in agreement with the recommendation that there be a limit of two years to an appointment.

Yet, the committee's report stressed an "unanswered question." Would the consequences of tightening up the terms of the appointment be a reduction in temporary employment opportunities? It was suggested that careful consideration be given to every aspect of this complex problem.

Libraries in Alberta

E. Taylor informed the Senate that a province-wide study of libraries was carried out two years ago. The study found that Alberta has the lowest standards in Canada. Where government has allowed an eleven percent ceiling on grants, there has been no similar allowance for the library system. The situation is a serious one; only \$25,000 has been allotted to both Calgary and Edmonton, \$12,520 to Red Deer. It was requested that, on behalf of the Alberta library system, government should be petitioned for immediate action.

GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held 26 April, 1976.

Composition of Selection Committees for Deans

Members approved the report of the Vice-President (Academic) which recommends that:

1. Selection Committees for Deans continue to include the Vice-President (Academic) as Chairman, the Dean of Graduate Studies and Research (or his designate), three full-time academic members of the faculty, two undergraduate students, and one graduate student of the faculty.
2. The Selection Committee will include two persons elected by GFC. If, however, the Selection Committee of a particular faculty includes one or more members of a professional institution or affiliated institution, the GFC representation will be reduced to one.
3. Normally, the Selection Committee for the Dean of a professional faculty will include one representative of the appropriate professional association. Only if two or more *different* professional associations or affiliated institutions are to be represented may there be more than one representative of this type, but in no case may the professional association representation exceed three.
4. The Selection Committees for Deans of the following faculties are special cases:
 - a) Collège Universitaire Saint-Jean—two representatives of the French Canadian community
 - b) Medicine
 - c) Rehabilitation Medicine
 - d) Graduate Studies and Research
 - e) Engineering
 - f) Interdisciplinary Studies.

Academic Development Committee and Campus Development Committee

Members approved the addition of one member each to the Academic Development Committee and the Campus Development

Committee to provide cross-representation between these two committees.

New members of General Faculties Council

The following faculty members were elected to GFC: L.D. Stewart, Education; J. Robertson, Education; L.G. Stephens-Newsham, Pharmacy; E. Howarth, Science; E.R. Kanasewich, Science; M.L. Marckworth, Science; N.W. Rutter, Science.

The following undergraduate students were appointed to GFC: David Sissons, Arts; J. Carter, Arts; B. Mason, Arts; L. Borshenko, Arts; Arthur Gorham, Arts; R.G. Proudfoot, Agriculture; Guy Nelson, Business Administration and Commerce; Brent Macklem, Business Administration and Commerce; M. Lee, Arts; Paul Scambler, Law; Steve Chambers, Medicine; Donna Green, Pharmacy; Randy Reed, Science; Bonnie Oxamitny, Science, Guy Huntingdon, Science; Kim Smallwood, Science; Katrina Poitker, Rehabilitation Medicine; Earl Foster, Education; David Rand, Education; Randy Tighe, Education, Kevan Warner, Education; Marilyn Zuber, Education; Mike Ekelund, Engineering; Len E.E. Grenier, Engineering; Paul Jarbeau, Engineering; Karen Hoover, Home Economics; Joe Daniel, Physical Education.

The following graduate students were elected: James Hawkins, Chemical Engineering; Jim Talbot, Biochemistry; Peter Weichler, Business Administration; Eric Browne, Chemistry; Anita Aruini, Chemistry; Steven Fung, Chemistry; Rose Burko, Plant Science; Peter Retallack, Business Administration; Reinhold Eisner, Chemistry; C.B. Samuell, Business Administration.

Membership on standing committees

Council approved the recommendation that "where the nominating committee puts forward a staff nominee for re-election to a second term on a GFC committee, the nominating committee shall ensure a contested election by providing other nominees equal in number to those seeking re-election.

It was noted that certain members seem to be re-elected again and again to the same standing committees. This motion was intended to give others the opportunity to serve on these committees while still allowing particularly dedicated members the possibility to continue to serve.

Business Administration departments

Council agreed that the Faculty of Business Administration and Commerce be permitted to create five departments from its seven area groups. The names of the five departments would be: Accounting, Organizational Analysis, Finance and Management Science, Marketing and Economic Analysis, and Industrial and Legal Relations.

Terms for student members

Members agreed that elections for both undergraduate and graduate representatives to GFC or its standing committees should occur in March and that students ought to take office beginning 1 April. Previous procedures have caused the GFC Executive Committee to be without graduate and often some undergraduate representation in April.

Nominating Committee procedure

Council approved a motion which recommended that the Nominating Committee follow the procedure of confirming with the nominees immediately before putting their names forward to ensure that they are willing and able to serve.

New members of GFC committees

The following individuals were elected by Council to serve on these GFC committees:

Selection Committee for Chairman of the Department of Occupational Therapy: L. Fournier, Recreation Administration

Selection Committee for the Chairman of the Department of Physical Therapy: Shirley Stinson, Nursing

Selection Committee for the Chairman of the Department of Speech Pathology and Audiology: Gerard Kysela, Educational Psychology

Executive Committee: G. Davies, Law; D. Massey, Elementary Education; R. Moyles, English; D.W. Murray, Civil Engineering; Alison Scott, Germanic Languages

Academic Development Committee: Robert Brooks, Physics

Administrative and Professional Officers Committee: G.S. Bulat, Physical Plant

Council on Student Affairs: Chris Ferrero, Science; Dwayne Kalynchuk, Civil Engineering; Bruce Monkhouse, Arts

Admissions Requirements Committee: Leigh Currie, Rehabilitation Medicine; Elizabeth Naldrett, Commerce

Arts Works Committee: Sibeal McCourt, Arts; Anita Krebs, Biochemistry

Articulation Committee: David Sissons, Arts; S. Yu Sun Wah, Business Administration

Campus Development Committee: Tim McCrory, Arts; Marlene Bigg, Arts; M. Oleskiew, Geography

Campus Law Review Committee: Morris M. Litman, Law

Computer Facilities and Policy Committee: Mavis Browne-Jacobs, Science

Conference Funds Committee: Jan Grude, Arts

Course Registration Procedures Committee: Chris Ferrero, Science; Marilyn Zuber, Education

General University Discipline Impanelling Boards The following academic staff members were appointed: S. Ubelacker, Secondary

Education; L.N. Klar, Law; D. Magee, Rehabilitation Medicine. The following students were also appointed: P. Wright, Law; L. Borchenko, Arts; P. Jarbeau, Engineering; Drew Sommerfeldt, Medicine; L. Block, Arts; M. Lee, Arts; R. Reed, Science; D. Tolly, Medical Laboratory Science; G. Huntingdon, Science; Don Sommerfeldt, Law; Eric Browne, Biochemistry; S. Fung, Science; E. Gillese, Business Administration and Commerce; H. Hoggins, Science; K. Poitker, Rehabilitation Medicine; K. McFarlane, Arts

Environmental Studies Committee: J.G. Adler, Physics; D.M. Cruden, Geology; D. Quon, Chemical Engineering; D.C. Wighton, Genetics; R. Urtasun, Radiology; B. Bentz, Art and Design; J. Verschuren, Civil Engineering; G. Dunsworth, Forest Science; Dennis Smith, Science

Housing and Food Services Committee:

H. Hoggins, Science; R. Rodger, Arts; D. Hunting, Biochemistry

Library Committee: Evelina Wong, Science; Barry Mills, Comparative Literature

Parking Appeals Committee The following members were elected: F.W. Birss, Chemistry; B. Macklem, Business Administration and Commerce; Eric Browne, Chemistry. The following alternates were chosen: Don Williams, Physics; P. Wright, Law

Pollution Committee: Beth Cornish, Science; W. Anderson, Science

Radio and Television Committee: Kevan Warner, Education; J. Gaudet, Education

Research Committee: David Johnson, Biochemistry

Committee to Investigate Teaching: Ken McFarlane, Arts; Randy Wighe, Education; J. Christensen, Science; Mark Lund, Physical Education

Tenure Appeals Committee: Syed Hameed, Business Administration; Donald Massey, Elementary Education; R.N. MacGregor, Secondary Education

Undergraduate Scholarship Committee: Chris Ferrero, Science; Katrina Poitker, Rehabilitation Medicine

University Planning Committee: Len Zoetman, Agriculture; Randy Rodger, Arts; Barry Hall, Physical Education; Paul Scambler, Law

University Press Committee: Wilma Laing, Elementary Education; G.A. Cooke, Boreal Institute

Admission Requirements Committee: Leigh Currie, Rehabilitation Medicine; Ken McFarlane, Arts

Campus Development Committee: Marlene Bigg, Arts; M. Oleskiew, Geography; Bob Proudfoot, Agriculture.

Library Committee: Marilyn Lee, Arts; Barry Mills, Comparative Literature

ELSIE ROSS NAMED GALBRAITH AWARD WINNER

Elsie Ross has won the fifth annual Dr. F.P. Galbraith Award in Journalism, an achievement which enables her to attend the University for one year. A reporter with the *Red Deer Advocate*, she intends to take courses in Canadian history and political science and would eventually like to work in the production of news programs. Ms. Ross received a BA from this University in 1972.

The award honors the memory of the late F.P. Galbraith, Chancellor of the University from 1964 to 1970. Previous winners of the Galbraith award include Gordon Keith, editor and publisher of the *Sedgewick Community Press*; Gary Park, a reporter with the *Calgary Herald*; Michael Braithwaite, an *Edmonton Journal* reporter; and Frank Dolphin, a reporter and editor with CBC television and radio.

FESTIVAL—THEATRE IN PROCESS

From 20 to 24 May, the Canadian Child and Youth Drama Association will hold its annual conference at the University of Alberta. This year's conference is entitled "Festival—Theatre in Process" and will feature performances by internationally recognized theatre companies, as well as seminars and workshops by actors, directors, playwrights, and administrators.

Ten theatre companies from across Canada and from Japan, France, and Britain will attend the conference. "The Friends Road Show," a troupe of fourteen clowns based in London, England, combine the skills of dance, music, mime, and drama with the skills of the circus. "The Canadian Mime Theatre," directed by Adrian Pecknold, is Canada's first professional mime theatre. "The Actor's Laboratory," Hamilton's oldest professional theatre company, has acted as a resource group for the community, organizing workshops in movement, voice, dance, and mime. Japan's leading children's theatre company, "Kaze No Ko," will perform *Sige-Hide Toko-Oka* in the Students' Union Theatre and tickets will be available to the general public.

Five Canadian playwrights will attend "Festival—Theatre in Process." George Ryga, author of *The Ecstasy of Rita Joe*; Carol Bolt, author of the CBC television play *Red Emma*; Henry Beissel, author of the play *Inook and the Sun*; Calgary writer Paddy Campbell, author of *Chinook* and *Hoarse Muse*; and Rex Devrell, author of *Short Shrift*, will all attend the conference. Five of the thirteen workshops and one joint

writer's forum scheduled for the conference will be devoted to these playwrights.

A \$75 fee will allow delegates to participate in conference activities including performances, workshops, seminars, forums, and a banquet. Accommodation will be available at conference rates. A general admission for the public for all performances will be announced at a later date. For more information about the conference or the procedures for registering as a delegate, write to Louise Bentley, 10947 70 Avenue, Edmonton, or telephone 434-4652.

PEOPLE

- A.B. Bhatia, Professor of Physics, gave a talk entitled "Concentration fluctuations in compound forming molten alloys." The talk was given by invitation at the Department of Physics, the University of Calgary, on 21 April.
- F.L. Weichman, Professor of Physics, will speak on solar energy to students, staff, and parents of Onoway Junior Senior High School on 10 May.

NOTICES

PHYSICS TEACHERS CONFERENCE

On Saturday, 15 May, at 9 a.m., a meeting of high school physics teachers and other interested persons will begin. The meeting is sponsored by the Edmonton Physics Regional Science Council of the Alberta Teachers' Association, and it will be held in 2-1 Mechanical Engineering Building.

Registration takes place from 9 a.m. to 9:30 a.m., and at 9:30 a.m. G.W. Sadler of Mechanical Engineering will speak on solar energy—the progress to date and future possibilities. A discussion period will follow. From 12 noon to 1 p.m. there will be lunch at the Faculty Club, and at 1 p.m. a tour of the new Mechanical Engineering laboratory facilities will begin.

If you are planning to attend this meeting, please notify E.A. Dannard at the Alberta Correspondence School, telephone 427-2766, as soon as possible. The registration fee for the meeting is \$2; cost of the lunch should be under \$5.

JUNIOR CRICKET

The Edmonton Junior Cricket Organization will soon be opening its 1976 program of coaching and matches. All children between the ages of nine and sixteen are welcome. Most basic equipment is provided. Instruction is offered by senior Edmonton cricketers

and no experience of the game is necessary. Registration forms and further information can be obtained from D.G.W. Smith, Department of Geology, telephone 432-3955 or 435-2896.

SEMINAR-IN-THE-ROUND

H.J. Eysenck, University of London, will conduct a series of seminars at the Centre for Advanced Study in Theoretical Psychology from 17 to 24 May. The first Seminar-in-the-Round, entitled "Inheritance of personality," will be held on 17 May at 2 p.m. in 14-6 Tory Building.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

6 MAY, THURSDAY

Users Applications Symposium

9 a.m. "Access methods for two structured seismic data bases" by E. Nyland, D. Au, and R.J. Withers of the Department of Physics. "Aspects of an interactive geographic data management system" by E. Nyland, Physics, and L.E. Lewis, Computing Services. "Triangular element data structures" by C. Gold, Geology, 315 General Services Building.

11 a.m. "Graphics demonstration—three dimensional graphics and contouring" by Peter Buttuls, Computing Services.

"Interactive computer games—Startrek, kingdom, football, poker, and wampus" by Peter Johnson, Computing Services, 242 General Services Building.

1:30 p.m. "Applications of APL in pharmacology" by D.A. Cook, Pharmacology. "Efficiency in APL" by C. Leibovitz, Computing Services. "Efficiency of APL in teaching management science and statistics" by Girard C. Pessis, Faculty of Business Administration and Commerce, and Dale H. Bent, Director of Computer Services, 315 General Services Building.

3:30 p.m. "Amdahl 470V/6 features" by Gordon Gagnon, Director of Field Engineering, Amdahl Corporation, 315 General Services Building.

Geophysics Seminar

3:30 p.m. "Application of maximum entropy spectrum analysis in geophysics" by R.G. Currie, Magnetic Observatory, Hermanus, South Africa. P636 Physics Building.

Cinematheque 16

7:30 p.m. *Little Fauss and Big Halsy* (United States, 1970). Starring Robert Redford

and Michael J. Pollard. Downstairs, Edmonton Art Gallery. Admission \$2.

CBC Alberta Festival

8:30 p.m. The CBC Alberta Festival 1976 presents Bernard Turgeon, baritone, and Michael Massey, piano, in the Students' Union Theatre. Admission \$2. Tickets available from CBC, Woodward's, McCauley Plaza Box Office, and at the door.

7 MAY, FRIDAY

Users Applications Symposium

9 a.m. "Searching ERIC at the University of Alberta" by A. Meyers, Industrial and Vocational Education. "Application of SPIRES to the storage and retrieval of medical and genetic records" by Catherine L. Bowen, Pediatrics. "Interactive programs—a simple way to allow naive users to manipulate extensive data bases" by T.C. Montgomerie and E.W. Romaniuk, Educational Research Services, 315 General Services Building.

11 a.m. "Computer text processing in the humanities: a case history" R. Wilcocks, Romance Languages, 315 General Services Building.

1:30 p.m. "Computer simulation of the seismic response of layered media" by L. Marks and F. Hron, Institute of Earth and Planetary Physics. "Numerical modelling for transversely isotope layered media" by P.L. Daley and F. Hron, Institute of Earth and Planetary Physics, 315 General Services Building.

2:30 p.m. "Quasi-Newtonian optimization methods in the solution of coupled non-linear partial differential equations" by E. Nyland and T.J.T. Spanos, Physics. "Congruence techniques for the solution of interger systems of linear equations" by S. Cabay and P.L. Lam, Computing Science, 315 General Services Building.

3:30 pm. Films on computer applications.

Dance

9 a.m. to 10 p.m. From now until 15 May, the Alberta Tap Dancing Association presents ballet, national dancing, jazz, and tap by performers from three years experience to professional level. Admission is \$1.50 per day for adults and \$1 per day for children. Adjudicators are Patricia Crail from England and Beverly Fletcher from New York.

Faculty Club

Downstairs. "Seafood Special." Deep fried shrimp, baked salmon, whitefish cakes, French bread, green salad, tomato aspic, and banana pudding. \$5.50.

Upstairs. Regular dinner menu; reservations required.

Cinematheque 16

7:30 p.m. *The Hired Hand* (United States, 1971). Directed by Peter Fonda, starring Peter Fonda and Warren Oates. Downstairs, Edmonton Art Gallery. Admission \$2.

8 MAY, SATURDAY**Faculty Club**

Downstairs. "May Melody." Steak sandwich on garlic toast, French fries, Waldorf salad, and parfait. \$3.75.

Upstairs. Regular dinner menu; reservations required. Entertainment: Fatback Trio.

Concert

8 p.m. Grant Mossop, cello, and Ruth Mossop, piano, perform works by Bach, Brahms, and Beethoven at the Provincial Museum Auditorium. Admission is free.

9 MAY, SUNDAY**Cinematheque 16**

2 p.m. *The Long Goodbye* (United States, 1973). Directed by Robert Altman, and starring Elliott Gould. Downstairs, Edmonton Art Gallery. Admission \$2.

'In Touch With U'

And every Sunday. 3 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

11 MAY, TUESDAY**Walter C. MacKenzie Lectures**

7:30 p.m. "Combined approaches to treatment of breast cancer" by Paul Carbone, Professor of Human Oncology, University of Wisconsin. After a short discussion period and refreshments, Henry Kaplan, Professor of Radiation Oncology, Stanford Medical Centre, will deliver a lecture entitled "Advances in radiation oncology." Both lectures take place in TL-11 Tory Lecture Theatre. The public is welcome to attend.

12 MAY, WEDNESDAY**Faculty Club**

Downstairs. "Family Night." Chicken drumsticks, French fries, and lemon meringue pie. Adults \$3.95 and children \$2.50. Entertainment: films.

Walter C. MacKenzie Lectures

7:30 p.m. "What we don't know about the expression of malignant phenotypes in human cancer" by Hilary Koprowski, Director, Wistar Institute, Philadelphia. After a short discussion period and refreshments, R.W. Baldwin, Professor of Tumor Biology-Cancer Research, Campaign Laboratory, University of Nottingham, will speak on "Immunology of the tumor bearing host and prospects for immunotherapy." Both lectures

will take place in TL-11 Tory Lecture Theatre. The public is welcome to attend.

Concert

8 p.m. Al Martino performs at the Jubilee Auditorium. Tickets available from the Bay Box Office, phone 424-0121.

13 MAY, THURSDAY**Noon Seminars**

12 noon. Urban Reform Group Edmonton (URGE) presents John Lunn, Historical Resources Division of the Alberta Department of Culture, Donald Lee, a city lawyer, and Les Kennedy, Department of Sociology. They will speak on "Downtown: past and present." Music Room, Centennial Library.

Cinematheque 16

7:30 p.m. *First Circle* (Poland, 1973). Film version of the novel by Solzenhitsyn. Directed by Aleksander Ford. English dubbed. Downstairs, Edmonton Art Gallery. Admission \$2.

Concert

8 p.m. The Dnipro Ensemble presents "Ukrainian Music, Song, and Dance." Jubilee Auditorium. Tickets available from the Bay Box Office, phone 424-0121, and the Ukrainian Bookstore, phone 422-4255.

14 MAY, FRIDAY**Faculty Club**

Downstairs. "TGIF." Chef's choice. \$4.95. *Upstairs.* Lobster \$12.50. Regular dinner menu; reservations required.

Cinematheque 16

7:30 p.m. *Two-Lane Blacktop* (United States, 1971). Directed by Monte Hellman, and starring Warren Oates and James Taylor. Downstairs, Edmonton Art Gallery. Admission \$2.

15 MAY, SATURDAY**Faculty Club**

Downstairs. "Pizza Night." Pizzas, chef's salad, and fruit compote. \$3.50. *Upstairs.* Lobster \$12.50. Regular dinner menu; reservations required. Entertainment: Bert Ward Band with vocalist Dolores Wozny.

EXHIBITIONS AND PLAYS**Provincial Museum**

Until 30 May. "Medieval Images," a collection of brass rubbings.

Until 27 June. "Why? Why Not?" A display illustrating some of the outstanding contributions made to the natural sciences by nineteen Canadian women of the 19th and 20th centuries. Feature Gallery 3.

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Edmonton Art Gallery

Until 16 May. "Changes: 11 Artists Working on the Prairies," a display of work by western Canadian women.

Until 28 May. "Woman as Sex Object," a display of works featuring the female form in art.

Until 23 May. "Douglas Haynes," a one-man show by Edmonton artist and Chairman of the Department of Art and Design.

Opening 6 May. "A Visual Poem—Children's Manipulation of the Painting Medium," an exhibition of paintings done by very young children.

Northern Light Theatre

Until 7 May. *This Train* by Saskatchewan author, Ken Mitchell. The play depicts life in the once flourishing but now dilapidated town of Wheat City, where small-town life is gradually slipping away. Downstairs, Edmonton Art Gallery. Performances Tuesday through Friday at 12:10 p.m. with extra performances on Thursdays and Fridays at 1:10 p.m. There will also be Saturday evening performances at 7 p.m. and 8:30 p.m. Admission to the weekday performances is \$2 regular and \$1 for senior citizens; admission to Saturday performances is \$2.50.

Citadel Theatre

Until 15 May. *Absurd Person Singular* by Alan Ayckbourn. Citadel Theatre. Performances Tuesday through Saturday at 8:30 p.m. with performances on Sundays at 2:30 p.m. and 7:30 p.m. Casual tickets available from the Citadel Box Office, phone 424-2828.

Theatre Francais d'Edmonton

8, 9 mai. *Monsieur Fian.* Collège Universitaire Saint-Jean, 8406 91e rue. Pour renseignements et billets: 469-0829.

NON CREDIT COURSES**ANTI-COMBINES LEGISLATION**

The report of phase II of the revisions to the Canadian competition policy will be discussed in a one-day seminar, 12 May sponsored by the Faculty of Extension.

The seminar will make this report available to the public so that interested persons may express their views on it. Such matters as mergers, monopolization, specialization and export agreements, class actions, and other matters not specifically

considered in phase I of the newly amended Act will be covered in the report.

Speakers at the seminar will be Robert J. Bertrand, Director, Investigation and Research (Combines Investigation Act), Department of Consumer and Corporate Affairs; William P. McKeown, Deputy Director, Investigation and Research (Combines Investigation Act), Bureau of Competition Policy; and George Orr, Director, Services Branch, Bureau of Competition Policy. In addition to these speakers, there will be two reaction panels composed of a practising lawyer, a faculty lawyer, an economist, and a member of the Faculty of Business Administration and Commerce.

The registration deadline for the seminar is 3 May. Registrations are accepted in 228 Corbett Hall. The fee is \$65 including luncheon and materials. Seminar hours are from 8:30 a.m. to 5 p.m. Obtain additional information by calling 432-5066 or 432-5067.

MANAGEMENT BY OBJECTIVES

This seminar has been designed to develop an appreciation of *Management by objectives* and is scheduled for 3 and 4 June by the Faculty of Extension. The instructor, J.C. Longman, currently Regional Director for the Institute of Canadian Bankers, will deal with the identification of organizational goals, the process of allocating responsibilities, and the evaluation of individual and corporate results.

Among the topics to be covered are management styles, theories of management behavior, defining the manager's job and applying the concept of MBO for the measurement of performance, application of MBO to participant's individual jobs, and analysis and discussion of practical applications of the principles of MBO.

The registration deadline is 24 May. The fee is \$95 including luncheons, textbook, and materials. Registrations are accepted in 228 Corbett Hall. Obtain additional information by calling 432-5066 or 432-5067.

GRADUATE SCHOLARSHIPS AND AWARDS

All inquiries regarding the following should be directed to L. Henderson, Administrator of Student Awards, 219 Central Academic Building, 432-3495.

Association of Rhodes Scholars in Australia Scholarship

Value: \$3,500 per annum plus university fees and return economy air fare. *Where tenable:* University of Melbourne. *Level of study:* post-graduate. *Field of study:* open. *Number:* variable. *Duration:* one or two years. *Conditions:* the scholar shall visit some other Australian universities. Applicants must not be graduates of an Australian university.

Closing date: applications containing the following information should be delivered by May 31, 1976: name; address; degree and university (transcript of academic record and a recent photograph must be provided); proposed postgraduate work in Australia; general interests and future plans; names of three referees (applicants should request their referees to forward reports direct to the Secretary--General, Association of Commonwealth Universities, 36 Gordon Square, London). Applications should be sent to the same place.

POSITIONS VACANT

NON-ACADEMIC STAFF

Duplicating Operator I (\$505-\$627)—Extension
Clerk Typist II (\$505-\$627)—Forest Science;
Housing and Food Services, HUB Complex
Clerk Steno II (\$527-\$653)—Medical Laboratory
Science; Mechanical Engineering; Physical
Education; Student Counselling; Geography;
Chemistry; Faculty of Extension; Secondary
Education
Accounts Clerk I (\$527-\$653)—Office of the
Comptroller, Payroll Division
Clerk Typist III (\$576-\$713)—Computing Science;
Physiology; Political Science
Senior Clerk (\$576-\$713)—Housing and Food
Services, HUB Complex
Clerk Steno III (\$599-\$744)—Extension (trust);
Educational Administration; Psychiatry; Psychology
Data Entry Operator I (\$599-\$744)—Computing
Services
Student Record Processing Clerk (\$627-\$779)—
Office of the Registrar
Secretary (\$683-\$853) Community Medicine (trust);
Institute of Law Research and Reform (trust)
Executive Secretary (\$779-\$975)—Vice President's
Office, Planning and Development
Assistant Control Clerk II (\$527-\$653)—Computing
Services
Publications Assistant I-II (\$683-\$1,020)—Computing
Services
Laboratory Assistant II (\$551-\$683)—Provincial
Laboratory
Senior Technical Assistant (\$713-\$891)—Botany
Technologist I (\$814-\$1,020)—Pharmacy
Biochemistry Technologist I (\$814-\$1,020)—Surgery
Curriculum Technician II (\$814-\$1,020)—Industrial
and Vocational Education
Machinist Technician II (\$853-\$1,068)—Technical
Services
Herdsman II (\$932-\$1,171)—Animal Science
Television Producer I-II (\$932-\$1,171)—Audiovisual
Media Centre
Applications Analyst (\$932-\$1,171)—Geography
Public Relations Assistant III (\$1,020-\$1,283)—
Athletic Services
Assistant Analyst (\$1,020-\$1,283)—Computing
Services
Engineering Technologist I-III (\$779-\$1,283)—
Physical Plant
Analyst (\$1,171-\$1,474)—Computing Services

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library, should be consulted for further information as to position requirements and availability.

Data Entry Operator I (\$599-\$744)—Systems
Library Clerk III (\$599-\$744)—Cataloguing
Clerk Steno III (\$599-\$744)—Acquisitions; Education

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance.

We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

Spencer Real Estate Ltd. has representatives specializing in re-locating University personnel. For professional assistance phone Mrs. Eid, 434-5780 or Mrs. Crockford, 434-0555; business, 436-5250. All inquiries held in strictest confidence.

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd., 436-1140, 426-5880, extension 990.

Selling—1,145 square foot, three-bedroom condominium; 1½ baths, carpet; full basement. Park-like location West end. Fencing public, separate schools. \$50,900. 432-5653, 487-3545.

For rent—four-bedroom split-level furnished home in Rio Terrace. 1 August 1976 to 31 August 1977. All major appliances, fireplace, double garage. Single family, no pets. \$450/month. 436-0803.

Two blocks from University—upstairs furnished suite. \$95 plus utilities. Vacant May. Phone 433-4647, five p.m.

For sale by owner—semi-bungalow in Belgravia. Revenue in basement. \$68,500. Phone 434-1680 evenings.

Ischia, Italy—room with three beds, balcony, available in picturesque fishing port for holiday or longer rental. Shared bathroom, kitchen and patio. Two people: \$10 per night; three people: \$13.50. Phone 432-3887.

For rent—15 May to 15 August: spacious suite with kitchen, living room, and one bedroom furnished; three more rooms semi-furnished. Allendale. \$225/month. 432-5742 or 435-8026.

For rent—mid-May to mid-July: Parkallen, furnished three-bedroom semi-bungalow. \$300/month. Will exchange part of rent for taking care of dog. 436-1588 or 432-3388.

For rent—September 1976 to April 1977: Ottewell, furnished home; non-smoking couple. No pets. 469-1777.

For rent—four-bedroom house, furnished; 1½ baths, rumpus room, garage. Windsor Park, two blocks from campus. \$400 plus utilities. One year from 1 September. 439-5223.

Rent—St. Albert: three-bedroom condominium; five appliances; 1½ bathrooms; finished basement; partially furnished. Twenty to thirty minutes from University. 1 July 1976 to 30 June 1977. \$375/month. 459-6530.

For rent—1 July 1976: Brander Gardens five-bedroom executive two-storey home. Attached double garage. \$700/month. For appointment to view phone Eleanor Duncan, Potter Realty, 436-3050, 434-7368.

For sale—Aspen Gardens. Everyone will appreciate the storage and built-ins in this four-bedroom, two-storey, featuring completely equipped kitchen, main floor laundry and family room, patio doors off dining room to deck overlooking fenced garden. Priced under \$95,000. Phone Eleanor Duncan, Potter Realty, 436-3050, 434-7368.

For rent in Riverbend: 1 June 1976 to 31 July 1977. Three-bedroom townhouse; carpeted throughout; 1½ baths, fireplace, five appliances; attached garage. Furnishings negotiable. \$450. 435-0434.

Split-level in Lansdowne; three bedrooms, fireplace; available for fourteen months from 1 July 1976. Phone 434-1615 or 432-5403.

For rent—Duggan, large new executive home; fireplaces, carpets, office, dishwasher, garage. Married couple or family. Damage deposit. May possession. 435-6686.

For sale—large cottage lots Grandview area at Pigeon Lake. Power, gas, telephone access. 400 feet to good beach and boat launch. Nobbs Enterprises Ltd. 452-7558.

For rent—four-bedroom furnished, or three-bedroom unfurnished bi-level house, two baths, family room. South side, ten-minute drive University. 1 July 1976 to August 1977. No pets. 435-1044.

For rent—four-bedroom split-level furnished house in Greenfields. Convenient buses to University and downtown. Available 1 August for one year. Single family, no pets. \$425/month. 432-3971, 435-2855.

For sale—elegant four-bedroom two-storey; fireplace in family room, 2½ baths, attached double garage. Duggan. Four and one half years old. Phone Negi. business: 474-8471 or twenty-four hours: 426-5880, page 380.

For rent—Lynwood, three-bedroom bungalow; finished basement includes bath, laundry room, storage room, extra room, rumpus room, bar, four appliances. Garage. Quiet location on direct busline to University, ten minutes by car. 31 August 1976 to 15 August 1977. \$400/month unfurnished, \$450 furnished, plus utilities. Damage deposit. 432-1459, 489-5216.

Four blocks from University: superbly re-decorated three-bedroom two-storey home with many unique cedar wood features, including two-level cedar sun deck. Phone Fred Gluckman, 426-5880, page 618. Realscope Realty, 436-6780.

Selling: 1.71 acres river view land one half mile southwest city limits, treed ravine, ready for building. Phone (evenings) 435-8467.

Furnished four-bedroom bi-level available for June. Mill Woods. \$450. Phone 462-2951.

For rent—beautiful new three-bedroom two-storey condominium located twenty minutes from University of Alberta. Excellent location close to schools and all amenities. Features sliding doors to secluded patio, "splush" carpets, modern kitchen with appliances, and draperies. References required. \$400/month. Phone Mrs. Eid, Distacom 426-5880, page 837 or, residence, 434-5780.

North Windsor Park—1,340 square-foot three-bedroom bungalow, plus large party room, bedroom and bathroom in basement. Drapes, carpeting and fridge. Landscaped. Reduced for quick sale. 433-3768.

Accommodation Wanted

House wanted—Belgravia or Windsor Park. Professor with smaller home in Belgravia needs a larger home in the same area. If you are thinking of selling or are interested in a trade, please phone Dorothy Hamilton, 439-7371 or 434-6147. Kellough Realty Ltd.

Furnished apartment or home; June to August; professional couple, no children or pets. R. Hine 60E 100 E. Hartsdale, Hartsdale, New York, U.S.A. 10530. 914-472-2535.

Automobiles and Accessories

For sale—1968 Volvo wagon; standard; good condition. 436-0803.

1974 Toyota 1600 coupé. 23,000 miles, excellent condition, manual, white. \$2,400 or offers. 432-1418.

1973 Dart two-door hard-top; power steering, power brakes, radio, radials, 318 V8 automatic, trailer hitch. Spotless. 33,000 miles. 467-6292 after five.

1967 Jaguar three-four litre sedan, standard, overdrive. Excellent condition. A classic machine. \$3,500 or offers. Dave Hunt, 436-5207.

1971 Datsun 510 four-door, radials, extras; excellent condition. \$1,300. Four studded winter radials, 1,200 miles, mounted, \$200. 432-5091, 439-7126.

1974 Nova Six, automatic, power steering, radio. Only 13,000 miles. Like new. 467-6292 after five.

1963 Volvo 544, good running condition. 434-5307.

For sale—1970 Sportcraft hardtop tent trailer, sleeps six; carpeted floor. \$600. 458-0473 evenings.

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Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Windsor Park Nursery School. Vacancies for three and four-year olds for September. Four-year olds (thrice weekly), phone 434-2661. Three-year olds (twice weekly), phone 439-3040.

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Peking, Shanghai food. Delicious, inexpensive. Simple surroundings. Shanghai House, 6525 111 Street. 435-7622.

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Student Painting Company. General painting, excellent rates. Reliable service. Phone 435-7838 evenings.

Living room furniture, miscellaneous household items. Everything must go. May 7, 8, 9 at 10 a.m. to 6 p.m. 9019 52 Street (via 58 Street).

EDMONTON & NORTHERN ALBERTA COIN & STAMP EXHIBITION

To be held in the Chateau Lacombe, Edmonton

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Friday	May 21	—	10 a.m. to 9 p.m.
Saturday	May 22	—	10 a.m. to 9 p.m.
Sunday	May 23	—	10 a.m. to 9 p.m.

The show will feature auction sessions to be held on Thursday, Friday, and Saturday evenings, a panorama of numismatic exhibits, free appraisal of your collections, and buying, selling, trading. Auctioneer: Bob Fenske, Lic. No. 121, Phone 426-4440, 426-3797. Admission \$1.00 per day for adults, children under twelve admitted free of charge if accompanied by an adult.

Coin and stamp dealers from across Canada and the United States will be in attendance.

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